

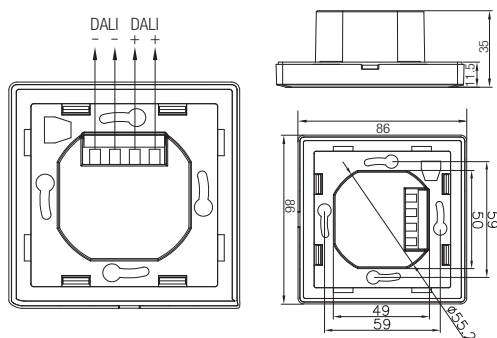
HDP03

System DALI Panel (Wall Switch)

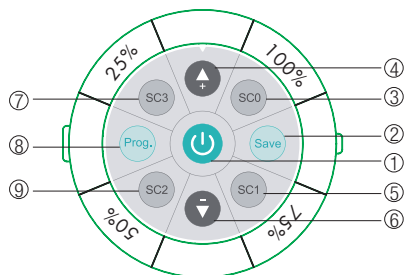
HDP03 is designed for use in DALI system under separate power supply and master control. Where it is desirable to make local adjustments at the switch panel, 4 scene memories are provided to simply fine tune the original group scenes, without the need to access the DALI master controller. Simple group assignment to any of the 16 channels is made using rotary switch.

Technical Specifications

Product type	DALI panel controller
Operating voltage	9.5~22.5VDC
operating current	6mA
Operating temperature	-20°C ~ +55°C
IP rating	IP20
Warm-up time	3s



Functions and Operations



OFF and Nightlight Function

1. OFF: short press button ① to turn the light OFF. The last scene selected (light level) is saved.
Note: The light can be turned on by short press on any scene button (③/⑤/⑦/⑨).
2. Nightlight: long press (>2s) on button ①, the nightlight goes to permanent on mode; long press again to turn it off. Nightlight brightness level can be adjusted by long press on button ⑦ for more than 5s.

Scene Selection

Press button ③/⑤/⑦/⑨ to select light scenes. Default light brightness levels are:

SC0: 100% SC1: 75% SC2: 50% SC3: 25%

The brightness of the scene selected can be quickly adjusted by long press (>1s) on button ③ and ⑤. This one-time adjustment will not be saved in the scene.

Scene Programming

The light brightness level for each scene also can be manually programmed:

- Step 1: press button ②, the LED indicator flashes slowly for indication.
- Step 2: select one of the scene button (③/⑤/⑦/⑨) to start adjustment.
- Step 3: press button ④ or ⑥ to get the target brightness level.
- Step 4: press button ② to save the adjustment. The LED indicator flashes rapidly.

To exit programming mode, short press button ②, or simply leave it alone. The programming will be ended after 10 seconds.

Light Level Reset to Default

1. Single scene resets to default light level: short press on button ④, then long press (>5s) on the scene button which need to be reset. The LED indicator flashes rapidly for successful operation.
2. All scenes reset to default light levels: short press on button ④, then long press (>5s) on button ②, all light levels (including nightlight) go back to default value. The LED indicator flashes rapidly for successful operation.

Memory Function

The panel has built-in permanent memory against power failure. The light level keeps the same as it was switched off last time.

Group Control

The DALI panel can control the lights grouped in DALI system via the rotary switch. Total 16 channels available on the rotary switch. "0" is for broadcast, and the rest 15 channels are for end-user to define the application unit(s). The panel can only send out command and cannot take command from DALI master. The rotary switch channel is corresponding to the groups listed below:

Switch channel	DALI group	Switch channel	DALI group
0	broadcast	8	group 7
1	group 0	9	group 8
2	group 1	A	group 9
3	group 2	B	group 10
4	group 3	C	group 11
5	group 4	D	group 12
6	group 5	E	group 13
7	group 6	F	group 14



Point the arrow to choose group by using a screwdriver.

Wiring Diagram

